

DaimlerChrysler AG

Patent Claims

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1. An accelerator pedal module having a pedal (2) and a restoring device (4) for the pedal (2) as well as a full load indicator (20, 11), characterized in that in the full load position of the pedal (2) the restoring device (4) can be latched to the full load indicator (11).

2. The accelerator pedal module as claimed in claim 1, characterized in that the full load indicator (11) is of rod-shaped design with a curved contour.

3. The accelerator pedal module as claimed in claim 1 or 2, characterized in that toward its free end (13) the full load indicator (11) has, on its concave surface (15), a step (19) toward a center point of curvature.

4. The accelerator pedal module as claimed in one of the preceding claims, characterized in that, the full load indicator (11) is integrated, together with the restoring device (4), into a housing (14).

5. The accelerator pedal module as claimed in one of the preceding claims, characterized in that the restoring device (4) bears with a pivotably moveable driver (6) against the full load indicator (11), at least in the full load position.

6. The accelerator pedal module as claimed in claim 5, characterized in that the full load indicator (11) is adapted in its contour to a movement curve of the driver (6).

7. The accelerator pedal module as claimed in one of the preceding claims, characterized in that the full load indicator (11) is formed from plastic.

5 8. The accelerator pedal module as claimed in one of the preceding claims, characterized in that the full load indicator (11) is embodied as a spring plate.

10 9. The accelerator pedal module as claimed in one of the preceding claims, characterized in that the full load indicator (11) is embodied as a roll with a compression spring.

15 10. The accelerator pedal module full load indicator for generating a haptically perceptible mechanical resistance in a full load position of a pedal (2) as claimed in one of the preceding claims, characterized by a belt-shaped base body with a curvature along its longitudinal extent.

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11. The accelerator pedal module full load indicator as claimed in claim 10, characterized in that a step (19) is arranged at an end (13) which is free in the mounted state, in such a way that the end (13) is
25 thickened.

12. The accelerator pedal module full load indicator as claimed in claim 11, characterized in that the curvature increases along the longitudinal extent
30 toward the free end (13).